

BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE
Office of the Executive Engineer, Dasarahalli Division

No.BBMP/EE/DD/Ten/07/2016-17, Date:11.01.2017

ITEM NO: 05

SCHEDULE-B

NAME OF THE WORK: Construction of Anganavadi at near Mallikarjuna temple in ward no. 13 in Shettyhalli Sub division

Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor Venkateshappa	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications,	Cum	6.40	169.56	Rupees One Hundred Sixty Nine and Fifty Six Paise Only
2	Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications,	Cum	33.30	204.12	Rupees Two Hundred Four and Twelve Paise Only
3	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	4.86	5256.36	Rupees Five Thousand Two Hundred Fifty Six and Thirty Six Paise Only
4	Providing and constructing granite / trap / basalt rubble stone masonry in foundation with mud mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications	Cum	25.31	4521.96	Rupees Four Thousand Five Hundred Twenty One and Ninety Six Paise Only
5	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Cum	13.50	104.76	Rupees One Hundred Four and Seventy Six Paise Only

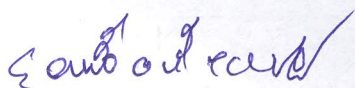
Signature of the Contractor

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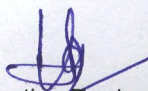
6	Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications,	Cum	12.12	5876.28	Rupees Five Thousand Eight Hundred Seventy Six and Twenty Eight Paise Only
7	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications,	Cum	23.10	137.16	Rupees One Hundred Thirty Seven and Sixteen Paise Only
8	Loading and unloading of stone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumping turning for return trip excluding time for haulage and return trip complete as per specification cost of haulage excluding loading and unloading MORTH to a distance of 4.00 K.M	Cum	6.40	80.80	Rupees Eighty and Eighty Paise Only
9	Providing and constructing pre cast concrete solid blocks with compressive strength not less than 35 kg/sqm with cement mortar 1:4 masonry (quoins, jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing etc., complete as per superstructure	Sqm	134.44	897.48	Rupees Eight Hundred Ninety Seven and Forty Eight Paise Only
10	Providing and laying in position reinforced cement concrete of mix 1:1, 5:3 with 12 mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, curing, complete as per specification.	Sqm	10.37	492.48	Rupees Four Hundred Ninety Two and Forty Eight Paise Only
11	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete for R.C.C works laid in 15cms thick layers and well compacted vibrating curing etc. including smooth finish in CM 1:3, with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges Ready mixed cement concrete for Beams, column, Staircase and Roof with M-20 (1:1:5:3)	Cum	8.81	6349.32	Rupees Six Thousand Three Hundred Forty Nine and Thirty Two Paise Only


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12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications.	Sqm	~~73.74~~	~~276.48~~	Rupees Two Hundred Seventy Six and Forty Eight Paise Only
13	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications.	Sqm	~~10.37~~	~~291.60~~	Rupees Two Hundred Ninety One and Sixty Paise Only
14	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications.	Sqm	~~70.20~~	~~594.00~~	Rupees Five Hundred Ninety Four Only
15	providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.	Tonne	~~1.57~~	~~60534.00~~	Rupees Sixty Thousand Five Hundred Thirty Four Only
16	Supplying and fixing pressed steel door frames size 125 x 65 mm manufactured from 1.25 mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm thick with lock rail of 160 mm width, top and side of 100 mm width and bottom rails of 250 mm width and panel filling with 12 mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, war page and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4	Sqm	~~9.77~~	~~3780.00~~	Rupees Three Thousand Seven Hundred Eighty Only


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Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanised on both sides 120gms/sq.mtr. Primer coat upto 5microns with thermosetting epoxy resin and finish painted with a polyester based paint 20microns thick. The size of profiles in approximately 46x52mm for external formes, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self tapping screws. The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylon and hinges made out of CRCA powder coated. 4mm tinted glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizonatally at 125mm C/C by revetting to the external frame. The abovve frames are fixed to the concrete / masonry walls by means of self expanding screws."

Sqm

9.90

5064.12

Rupees Five
Thousand Sixty
Four and Twelve
Paise Only

18

Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc, consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junction of walls and slabs, (c) after two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 3000x300mm square, (e) the whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications.

Sqm

51.84

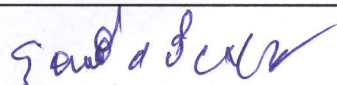
976.32

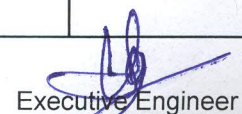
Rupees Nine
Hundred Seventy
Six and Thirty
Two Paise Only

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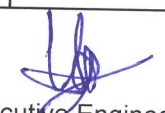
19	Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications.	Sqm	~~126.72~~	~~178.20~~	Rupees One Hundred Seventy Eight and Twenty Paise Only
20	Providing 12mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour. Curing complete as per specifications.	Sqm	~~141.62~~	~~162.00~~	Rupees One Hundred Sixty Two Only
21	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	~~45.93~~	~~208.44~~	Rupees Two Hundred Eight and Forty Four Paise Only
22	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. For internal walls and ceiling Qty	Sqm	~~187.55~~	~~27.00~~	Rupees Twenty Seven Only
23	Providing and laying flooring using pre polishing water cut/gang saw 19 mm thick Granite slab over existing cement concrete bed in CM 1:4 at 20mm thick (average) pointed with white cement/ colour pigment etc., complete. Grey granite	Sqm	~~37.40~~	~~2485.08~~	Rupees Two Thousand Four Hundred Eighty Five and Eight Paise Only
24	Providing and applying Putty for filling holes(Material components For Internal wall surface area	Sqm	~~93.77~~	~~80.00~~	Rupees Eighty Only
25	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. Same Quantity as in Internal plastering	Sqm	~~187.55~~	~~76.68~~	Rupees Seventy Six and Sixty Eight Paise Only
26	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. External plastering QTY	Sqm	~~126.72~~	~~90.72~~	Rupees Ninety and Seventy Two Paise Only


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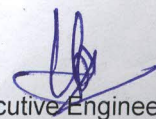
27	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications	Sqm	~~39.33~~	~~90.72~~	Rupees Ninety and Seventy Two Paise Only
28	Providing skirting, dado rises of steps with colour glazed tiles 15x15cms 6mm thick on 6mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (Exclude cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials labour complete as per specifications	Sqm	~~39.33~~	~~1157.76~~	Rupees One Thousand One Hundred Fifty Seven and Seventy Six Paise Only
29	Providing skirting, dado, rises of steps with marble slabs not exceeding 30 cms. height on 10 cms. thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface white should be measured and paid separately) using marble slab of approved make and size of materials, labour, complete as per specifications	Sqm	~~6.08~~	~~3530.52~~	Rupees Three Thousand Five Hundred Thirty and Fifty Two Paise Only
30	Providing and fixing to wall, ceiling and floor galvanized / mild steel tube 25mm dia nominal bore with fittings (medium grade weight 2.51 kg/mtr)) B class including cost of all materials, labour, charges HOM of equipments and testing complete as per specifications	Mtrs	~~12.00~~	~~329.40~~	Rupees Three Hundred Twenty Nine and Forty Paise Only
31	Making connection of G.I. distribution branch with G.I. main of 25 to 40mm. nominal bore, including bore, including cutting and threading the pipes, providing and fixing Tee, nuts, labour for all item of works, testing and HOM of equipments complete as per specifications.	Nos	~~5.00~~	~~389.88~~	Rupees Three Hundred Eighty Nine and Eighty Eight Paise Only
32	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100 mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications	Pan	~~1.00~~	~~1381.32~~	Rupees One Thousand Three Hundred Eighty One and Thirty Two Paise Only
33	Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	~~1.00~~	~~648.00~~	Rupees Six Hundred Forty Eight Only


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34	Providing and fixing CI Nahani trap of approved make fixing in CC 1:2:4 and plastering with CM 1:3 wherever necessary (rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot)	Each	~~2.00~~	~~270.00~~	Rupees Two Hundred Seventy Only
35	Providing and placing on terrace, polyethylene water storage tanks with manhole and suitable locking arrangements making of suitable diameter for inlet, outlet and over flow pipes including cost of all materials labour, transport charges, HOM of equipments and testing complete as per specifications (For 1000 litre capacity)	Nos	~~1.00~~	~~9144.36~~	Rupees Nine Thousand One Hundred Forty Four and Thirty Six Paise Only
36	Providing and fixing in trenches glavanized mild steel tubes (medium grade) 25mm dia nominal bore with all fitting (earth work in trenches to be measures and paid for separately) inclduing cost of materils, labour charges HOM of equipment and testing complete as per sepcification	Mtrs	~~15.00~~	~~288.36~~	Rupees Two Hundred Eighty Eight and Thirty Six Paise Only
37	0185 Providing and fixing rain down water pipe of 90mm outer dia of 2.5 kg/Sqcm pressure pipes of HDPE rain water pipes	Mtrs	~~8.00~~	~~129.60~~	Rupees One Hundred Twenty Nine and Sixty Paise Only
38	Supplying and wiring adopting loop system in exisiting PVC conduit/casing caping using copper PVC insulated multi standard 2x1.5sqm copper wire with the 6 amps flush type SP control switch shall be fixied on the exisiting plastic sheet / gang box, the other end	Mtrs	~~12.00~~	~~220.00~~	Rupees Two Hundred Twenty Only
39	Supplying 6A flush / Protected type socket and a 6 amps flush / projected type SP switch either surface mounting in a exisiting gang box or in a 4mm thick plastic sheet and fixing over a flflush mounted wooden box and wiring using necessary capacity wires	Each	~~10.00~~	~~90.00~~	Rupees Ninety Only
40	Supply and fixing of bakelite D.P/Socket/switchwith /without neon indicator over exiting wood board or flush mounting in plastic plates / niches-I using Group A Material. c) 16 Amps flush type Universal socket.	Each	~~9.00~~	~~95.00~~	Rupees Ninety Five Only
41	Supplying 4 mm thick plastic sheet with nesssary nitches for fixing switches regulators etc., and fixing on exisiting wooden pr metal box using N.F.screws	Sqm	~~1800.00~~	~~0.20~~	Twenty Paise Only


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42	POINT WIRING USING COPPER WIRE WITH SWITCH Supplying ad wiring adopting loop system in existing PVC conduit / casing caping using copper PVC insulated multi strand 2x1.5 sq.mm copper wire with a 6 Amps flush on the exisiting II. Point wire using class B Material. a) Short point upto 3mtr from tapping point to our let via switch	Each	6.00	140.00	Rupees One Hundred Forty Only
43	b) Medium point above 3mtrs upto 6 mtr from tapping point to cut let via switch.	Each	3.00	220.00	Rupees Two Hundred Twenty Only
44	c) Long point above 6 mtrs to 10 mtrs from tapping point to out let via switch.	Each	2.00	325.00	Rupees Three Hundred Twenty Five Only
45	Wiring for lighting / power circuit using one of PVC indulated 1100 v grade, multi and copper conductor single core cable in open or concealed system of wiring : I Group - A Materials d) 4 sqmm	Mtrs	25.00	30.00	Rupees Thirty Only
46	f) 10 sqmm	Mtrs	10.00	85.00	Rupees Eighty Five Only
47	Supplying heavy guage PVC conduit pipe., Dia confirming to IS 2509 with suitable size bends, jnction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls. a) 19/20m dia 2mm thick	Mtrs	25.00	32.00	Rupees Thirty Two Only
48	b) 25mm dia 2mm thick	Mtrs	10.00	43.00	Rupees Forty Three Only
49	Supplying and fixing sheet metal box made out of 18 SWG sheet with necessary holes for cable / conduit entry as required with one coat of primer of approved make etc b) 100x75x65mm	Each	4.00	72.00	Rupees Seventy Two Only
50	d) 180x90x65mm	Each	2.00	113.00	Rupees One Hundred Thirteen Only
51	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting necessary masonry patch work complete(Ch-01) a) 12x"12x"3(300x300x76mm)	Each	1.00	90.00	Rupees Ninety Only
52	c) 10"x7"3"(254x178x76mm)	Each	2.00	60.00	Rupees Sixty Only

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53	Supplying patty type flourscent tube light fitting of 4'-36/40 watts fluorecsent tube fitting,, made out of M.S Sheet and stove enameled with low loss open construction copper wound ferrmagnetstic ballast, starter, locking type brass contact holders mounted on double fold type sheet base fully wires for use on 230 vo;lts A C supply inluding I No 4'- 36/40 watts fluorecsent tube.- Groub-b II.2x4'36/40 Watts a) Group A	Each	3.00	950.00	Rupees Nine Hundred Fifty Only
54	Wiring for lighting / power circuit using one of PVC indulated 1100 v grade, multi and copper conductor single core cable in open or concealed system of wiring : I Group - A Materials c) 2.5 sqmm	Mtrs	12.00	21.00	Rupees Twenty One Only
55	Supplying and fixing HRC fuse link on exisiting switch fuse base ec) 125 amps	Each	2.00	420.00	420.00
56	Supplying and fixing minitature circuit breakers on existing MCB distribuution boards using necessary fixing materils and wiring complete as required - A) 5-32 amps S.P(1) Group A	Each	1.00	540.00	Rupees Five Hundred Forty Only
57	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class b,50 mm	Mtrs	2.00	260.00	Rupees Two Hundred Sixty Only
58	Supplying and fixing angles iron frame work fabricated out of M.S.angle iron., and M.S.flat., with washers etc., and painted with two coats of red oxide and then two coats of approved paint a) 40x40x6 mm	Mtrs	2.00	210.00	Rupees Two Hundred Ten Only
59	Fixing all type and all capacities fluorescent / false ceiling/spot light/CFL indoor on the walls / ceilin g / rates/girders using 23/0.0076" twins twisted PVC insulated wires, required nos of round bclcks and clamps (if requied) a) On wall/ceiling	Each	3.00	85.00	Rupees Eighty Five Only


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